

S0230099
Task ID# 2117

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" mining operations which have a disturbed area of five or less surface acres at any time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Maynard Topaz Mine
2. Legal name of entity (or individual) for whom the permit is being requested: _____
Colorado Calumet Company, Inc.
Mailing Address: P.O. Box 1169
City, State, Zip: Golden, CO 80402
Phone: 303-278-9724 x12 Fax: 303-278-9763
E-mail Address: graham@collectorsedge.com

Type of Business: Corporation ☒ LLC () Sole Proprietorship (dba) ()
Partnership () General _____ or _____ limited
Or:
Individual ()

Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.

Are you currently registered to do business in the State of Utah? ☒ Yes ☐ No

Entity # 6814259-0143

If no, contact www.commerce.utah.gov to renew or apply.

Local Business License # _____ (if required)
Issued by: County _____ or City _____

3. **Contact Person(s)**
Name: Bryan Lees / Graham Sutton Title: owner/manager
Address: P.O. Box 1169
City, State, Zip: Golden, CO 80402
Phone: 303-915-4645 Fax: 303-278-9763
Emergency, Weekend, or Holiday Phone: 303-915-4645
E-mail Address: graham@collectorsedge.com

Contact person to be notified for: permitting (x) surety (x) Notices (x) (please check all that apply)

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Name: Graham Sutton Title: Gen mgr
Address: 906 1165
City, State, Zip: Golden CO 80402
Phone: 303 915 4645 Fax: 303 278 9724
Emergency, Weekend, or Holiday Phone: 303 915 4645
E-mail Address: Graham @ collectors edge, com

Contact person to be notified for: permitting () surety () Notices () (please check all that apply)

Registered Utah Agent (as identified with the Utah Department of Commerce) (if individual leave blank):

Name: James Lewis
Address: 3311 Butch Cassidy Trail
City, State, Zip: Central UT 84722
Phone: 435 680 0711 Fax: _____
E-mail Address: jl Lewis @ gcl, com

4. If Business is a Sole Proprietor:

Name of Owner: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Corporation:

Name of Officers: Bryan Leas Title: president

Title: _____
Title: _____
Title: _____

Headquarters Address: 906 1165
City, State, Zip: Golden CO 80402
Headquarters Phone: 303 915 4645 Fax: 303 278 9763
E-mail Address: Bryan @ collectors edge, com

If Business is a Limited Liability Company: Member Managed ■ Manager Managed ■

Name of 1st Member/Manager: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

Name of 2nd Member/Manager: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Partnership:

Name of Partner: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

5. **Ownership of Land Surface:**

Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐
State Trust Land/School Sections ☒ State Sovereign Lands ☐
Other (please describe): _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

6. **Ownership of Minerals:**

Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐
State Trust Land/School Sections ☒ State Sovereign Lands ☐
Other (please describe): _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s): _____

BLM Claim Numbers _____

Utah State Lease Number(s): ML 50857

Name of Lessee(s) _____

7. **Have the above surface and mineral owners been notified in writing?**

Yes ☒ No ☐

If no, why not? _____

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration **prior** to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

8. **Does the Entity have legal right to enter** and conduct mining operations on the land covered by this notice? Yes ☒ No ☐

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II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location** (legal description):

County(ies): Tuab

SW 1/4, of NE 1/4, of SE 1/4: Section: 16 Township: S12 Range: W11
NW 1/4, of SW 1/4, of SE 1/4: Section: 16 Township: S12 Range: W11
 _____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

UTM East _____ (if known) UTM North _____ (If known)

Name of Quad Map for Location: Dugway Pass

2. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.

a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.

b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:

- The area to be disturbed;
- The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
- Any adjacent previous disturbance for which the operator is not responsible.

(Contact the Division for a list of consultants and land surveyors for mapping assistance.)

3. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ■ Underground ■

2. **Mineral(s) to be mined:** TOPAZ Crystals

3. **Amount of material** to be extracted, moved, or proposed to be moved: _____

25,000 tons Rhyolite Overburden will be moved to look for the topaz Crystals

4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process?

Yes ■ No ■ If yes, please describe (add extra pages if needed) _____

5. Provide a brief **description of the proposed mining operation** and onsite processing facilities (add extra pages if necessary).

an open pit to expose crystal bearing areas will be excavated and any crystals will be excavated by hand.

6. ■ **New Road(s):** Length 0 (ft) Width 0 (ft)
7. ■ **Improved Road(s):** Provide a description of the improvements that need to be made to existing roads to access the site, including the Length 0 (ft) and Width 0 (ft) of improvements.
8. Total project surface **acreage to be disturbed:** 3 (acres) PLEASE SPECIFY EXACT ACREAGE - (this will be used to determine surety bond amount - see #VI).
9. Proposed **startup date** (month, year) 1-1-08
10. Proposed **completion date**, if known (month, year) unknown

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at www.ogm.utah.gov.

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.
13. Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.

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V. VARIANCE REQUEST (Rule R647-3-110)

Any variance request must be approved in writing by the Division

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measure to be utilized. Written approval from the Division will be given, if the proposed alternative methods to be used are consistent with the Act.

Are variances being requested? Yes ☐ **No** ☒

1st Variance Requested

Item # _____ Applicable Rule # (i.e. R647-3-109.10 (if you did not want trenches & pits reclaimed)

Justification: _____

Alternate methods or measure to be utilized: _____

2nd Variance Requested

Item # _____ Applicable Rule # _____

Justification: _____

Alternate methods or measure to be utilized: _____

3rd Variance Requested

Item # _____ Applicable Rule # _____

Justification: _____

Alternate methods or measure to be utilized: _____

Attach additional page if more variances are requested.

VI. SURETY (Utah Code Ann. §40-8-7(1)[c])

A reclamation contract and surety must be provided to and approved by the Division prior to commencement of operations. All mining operations are required to furnish and maintain reclamation surety to guarantee that the land affected is reclaimed (Utah Code Ann. §40-8-7(1)[c]).

The reclamation surety amount is based on the nature, extent and duration of operations. The amounts are based on data from current large mine surety and are used as a general guide, along with actual site conditions. Reclamation surety for small mines is reviewed every three (3) or five (5) years and adjusted as necessary for inflation/deflation based upon acceptable Costs Index. **Contact the Division for the dollar amount required for a three (3) or five (5) year period for this project.**

I have provided or will provide surety in the form of:

- ☒ Certificate of Deposit ☐ Letter of Credit ☐ Surety Bond ☐ Cash (certified funds)
☐ Other _____ (please identify) _____ undecided

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VII. PERMIT FEE (Utah Code Ann. §40-8-7(1)(i))

A permittee's authorization under a notice of intention to conduct small mining operations shall require the paying of permit fees as authorized by the Utah Legislature (R647-3-102.5). Permit fees are assessed to new and existing small mining operations, and annually thereafter, until the project disturbances are successfully reclaimed by the Permittee / Operator and released by the Division.

Small Mine Notices require a \$150.00 fee, which must accompany this application, or the Division cannot process it.

VIII. SIGNATURE REQUIREMENT

(Please check the box if applicable and place your initials on the line provided)

BKL ☒

I have enclosed the required permit fee.

BKL ☒

I have enclosed/requested a Reclamation Contract (Form MR-RC) and the appropriate reclamation surety amount or have made arrangements as to when the surety will be furnished.

BKL ☒

I understand that I am not authorized to create any surface disturbance until the surety amount is posted and approved in writing from the Division of Oil, Gas and Mining and any other authorized regulatory agency.

CERTIFICATION

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

- I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND
- I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.
- This certification must be signed by:** (1.) an executive officer if the applicant is a corporation; (2.) a partner if applicant is a partnership (general or limited); (3.) the owner if applicant is a sole proprietorship; **or** (4.) the member or manager if applicant is a limited liability company.

Signature: Bryan K. Lees

Date: JANUARY 3, 2008

Name (typed or printed): Bryan K. Lees

Title/Position (if applicable): President

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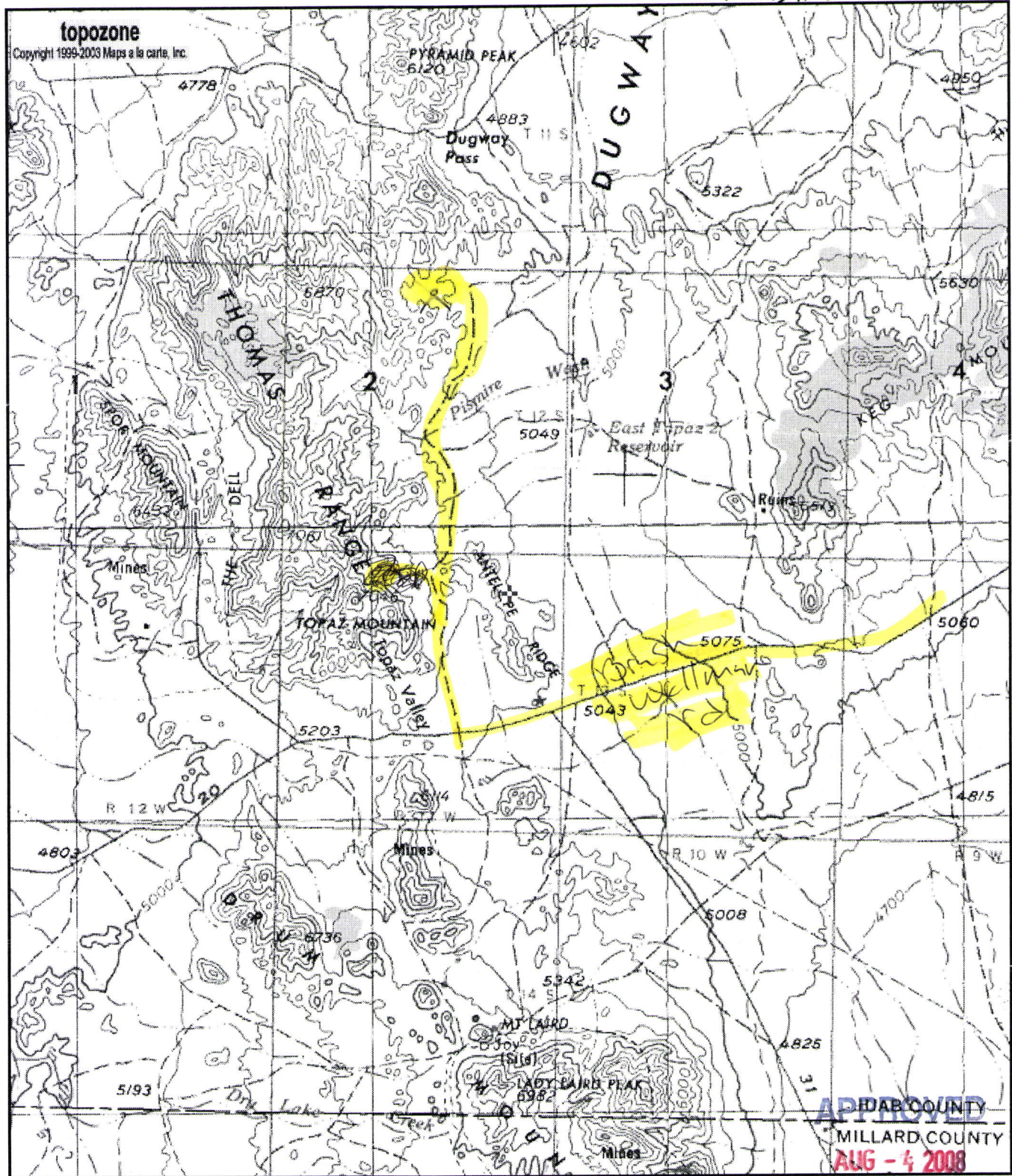
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Task ID# 2183



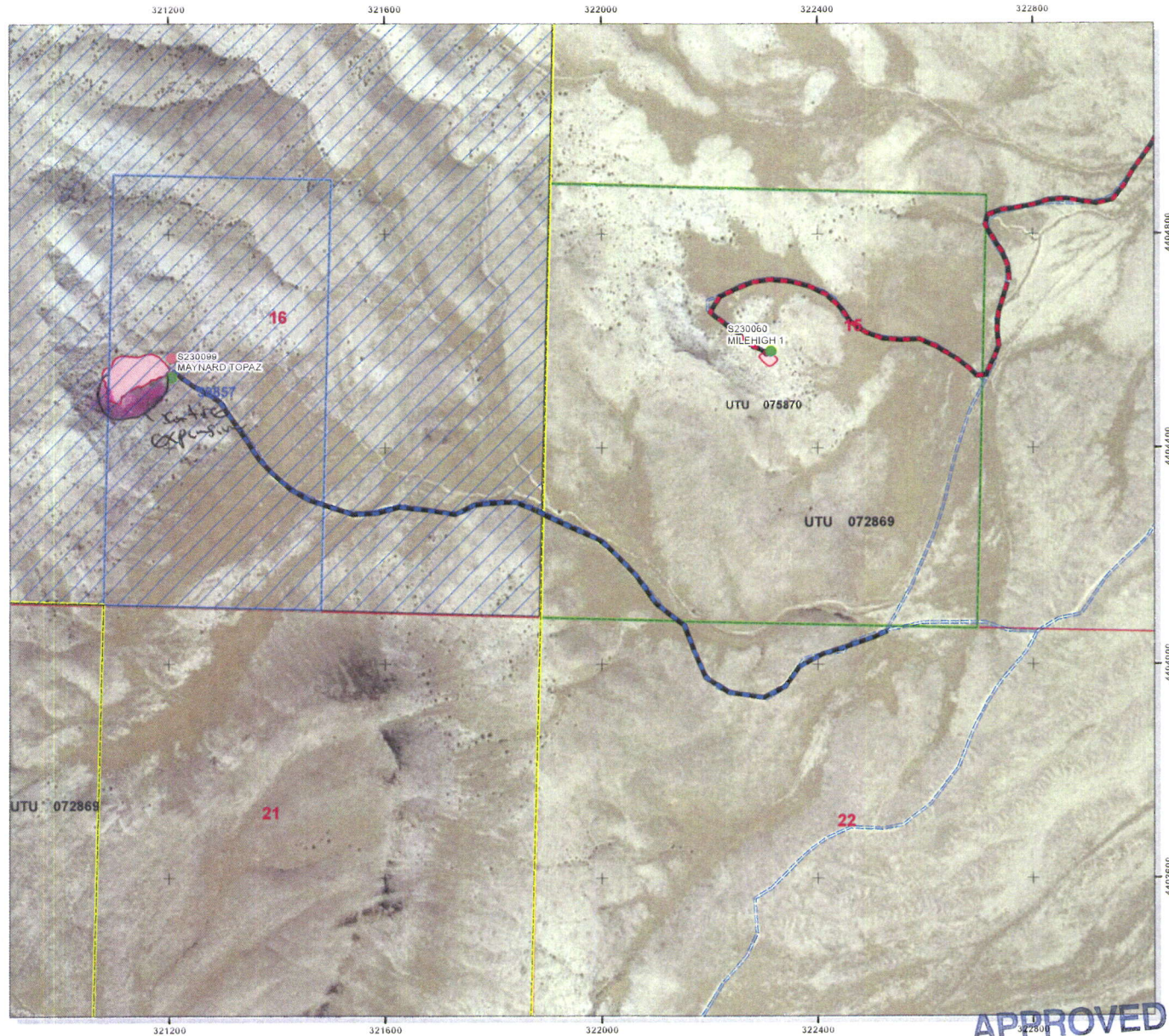
0 3 6 9 12 15 km
0 2 4 6 8 10 mi

UTM 12 324639E 4397908N (NAD83/WGS84)
USGS Topaz Mountain East (UT) Quadrangle
Projection is UTM Zone 12 NAD83 Datum

JAN 07 2008

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M=12.836
G=-1.308



Mine Number: SZ230099
Mine Name: MAYNARD TOPAZ
 Township 12.0 S Range 11.0 W Section 16
 Meridian: SLBM

Inspection Date: //
 Map Produced by DKS

Acres Disturbed	1.71
Acres Regraded	0
Acres Seeded	0
Road Acres Disturbed	1.47
Total Acres Disturbed	3.18
Acres Released	0
Acres Excluded	0
Acres PreExisting	0
Acres Prelaw	0

- Legend**
 All items symbolized in legend may not be appear on map
- | | | |
|-----------------------|---------------------------------|--------------------|
| Active mines events | County Boundary | Disturbed |
| Inactive mines events | Section line | Regraded |
| County Boundary | Section line, Southern doubtful | Seeded |
| Interstate | Section line, Southern doubtful | Released |
| Up Route | Acres | Excluded |
| State Route | Mine | PreExisting |
| Primary Route | Location | PreLaw |
| Secondary Route | Reclaimed | Revised |
| Multi-Unit Road | Other | SLTA Mineral Lands |
| Unimproved Road | | SLTA Mineral Lands |
| Interchange | | SLTA Mineral Lands |
| Trail | | SLTA Mineral Lands |

NAIP Imagery date 2006



0 625
 Feet

1:7,500 1 inch equals 625 feet
 Verify Scale

Dept. of Natural Resources
 Division of Oil, Gas, and Mining
 Mineral Mines Program

Different data sources and input scales
 may cause misalignment of data layers.
 This product may not meet DNR's
 standards for accuracy and content

NAD 1927 UTM Zone 12N

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Section 16 TWP 12 S R11W

Existing Pit

Top Soil Pile

New Dump

New Pit Limit

Future Mining Area

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Existing Access Road

Disturbed area 2.87 acres

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Maynard Topaz Mine
Scale 1"=200'

S/023/0099

1
N

Mine Number: S230047 99

Mine Name: MAYNARD TOPAZ MINE

Township 12.0 S Range 11.0 W Section 16 SLBM

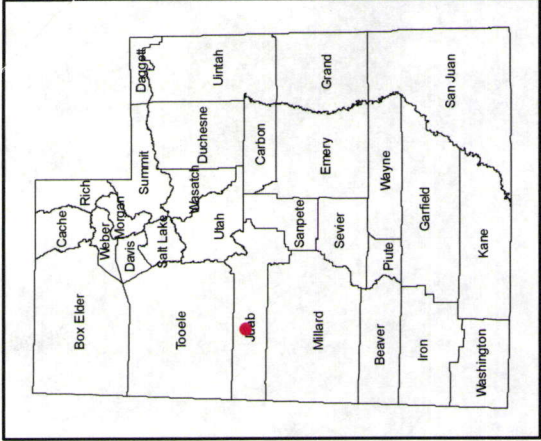
Inspection Date: 10/25/2007
Map Produced by DKS

Acres Disturbed	474 3
Acres Regraded	0
Acres Seeded	0
Road Acres Disturbed	0
Total Acres Disturbed	474 3
Acres Released	0
Acres Excluded	0
Acres PreExisting	0
Acres Prelaw	0

Legend
All items symbolized in legend may not be appear on map

- County Boundary
- Access
- Mine
- NonMine
- Reclaimed
- Other
- Interstate
- US Route
- State Route
- Primary Route
- Secondary Route
- Main Dirt Road
- Unimproved Road
- Interchange
- Trail
- Township or range line: location doubtful
- Section line: location doubtful
- Disturbed
- Regraded
- Seeded
- Released
- Excluded
- PreExisting
- Prelaw
- Bond Area
- STLA Mineral Leases
- BLMSalableMinerals
- CommunityPit
- STLA Mineral Ownership

NAIP imagery date 2006



0 625 Feet
1:7,500 1 inch equals 625 feet
Verify Scale

Dept. of Natural Resources
Division of Oil, Gas, and Mining
Mineral Mines Program

Different data sources and input scales
may cause misalignment of data layers.
This product may not meet DCGM
standards for accuracy and content

